

## Exam Questions MB-820

Microsoft Dynamics 365 Business Central Developer

<https://www.2passeasy.com/dumps/MB-820/>



**NEW QUESTION 1**

HOTSPOT - (Topic 1)

You need to populate the Incident Date and Status fields in the Room Incident table.

Which instructions or trigger should you use? To answer, select the appropriate options in the answer area

NOTE: Each correct selection is worth one point

**Table creation instructions and triggers**

**Requirement**

Select the instructions to use.

Select the trigger to introduce the function.

**Instructions/triggers**

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

? Instructions to use for Incident Date and Status fields:

? Trigger to introduce the function:

Step-by-Step References:

? Workdate Function in AL

? Triggers in AL

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**NEW QUESTION 2**

- (Topic 1)

You need to define the data types for the fields of the N on-conformity table.

Which two data types should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Integer for the N on-conformity Number field
- B. Date Time for the Non-Conformity Date field
- C. Char for the Non-Conformity Number field
- D. Date for the Non-Conformity Date field
- E. Code for the Non-Conformity Number field

**Answer:** CE

**Explanation:**

In Business Central, fields in tables are assigned specific data types that determine the kind of data they can store. For the Non-conformity table mentioned in the case study, the following data types should be used:

? Date for the Non-Conformity Date field: This is because the Non-conformity Date field is required to store only the date when the non-conformity was recorded. The Date data type is appropriate for storing dates without times.

? Code for the Non-Conformity Number field: The Non-conformity Number field is described to use alphanumeric values with a format that includes "NC" and the year, like "NC24-001". In Business Central, the Code data type is used for fields that store alphanumeric keys. It is a text field with a limited length, which makes it suitable for number series that contain letters and numbers.

Other options are not suitable:

? A. Integer for the Non-conformity Number field: This would not be appropriate because the Non-conformity Number includes alphanumeric characters and not just integers.

? B. DateTime for the Non-Conformity Date field: This is not correct because there is no requirement to store the time alongside the date.

? C. Char for the Non-Conformity Number field: Char data type is not typically used in Business Central for number series or identifiers. The Code data type is preferred for this purpose.

**NEW QUESTION 3**

HOTSPOT - (Topic 1)

You need to create the configuration table and page for the non-conformity functionality.

Which table configurations should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

Table design configuration

Requirement
Design pattern for the setup table
Data type of the primary key field
Property required to prevent users from adding records

Table configuration

Adapter
No. Series
<b>Adapter</b>
Singleton
Code
BigInteger
<b>Code</b>
Integer
InsertAllowed
<b>InitValue</b>
InsertAllowed
UnBound

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Design pattern for the setup table:

? The correct selection here is Adapter. The Adapter design pattern is commonly used when you need to handle integration points or create a setup table that acts as an intermediary for data manipulation, which fits the requirement for the configuration of the non-conformity functionality.

Data type of the primary key field:

? The correct data type is Code. In Business Central, when creating a table with a primary key field, the Code data type is typically used for fields such as document numbers, codes, and identifiers. For a setup table, a Code field is appropriate for keys like "No." series or setup identifiers.

Property required to prevent users from adding records:

? The correct property is InitValue. This property is used to set initial values for fields and can be configured in such a way that users are prevented from adding records directly, typically enforcing control over record creation and editing in configuration scenarios.

**NEW QUESTION 4**

HOTSPOT - (Topic 1)

You need to select the appropriate page types to solve the reporting requirements.

Which page types should you use? To answer, select the appropriate options in the answer area.

NOTE; Each correct selection is worth one point.

**Page type requirements**

**Requirement**

Display relevant insights in the Housekeeping Role Center.

Display the additional information for the Room table.

Configure the first installation.

**Page types**

CardPart
HeadLinePart
Worksheet
CardPart
FactBox
HeadLinePart
HeadLinePart
NavigatePage
StandardDialog

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

For the requirements provided, the appropriate page types should be selected as follows:

? Display relevant insights in the Housekeeping Role Center: HeadlinePart

? Display the additional information for the Room table: FactBox

? Configure the first installation: StandardDialog

Comprehensive Detailed Explanation In the context of Microsoft Dynamics 365 Business Central, page types are crucial for determining how information is presented to the user.

? **HeadlinePart**: This page type is designed to display key data and insights in a concise and visually appealing manner, often used in Role Centers to highlight important information. It is suitable for the Housekeeping Role Center to display relevant insights.

? **FactBox**: This page type is used to display supplementary information related to a selected record in the main part of the page. It's often used to show additional details about a record in a list, card, or document page. In this scenario, it is suitable for showing additional information about a specific Room when viewing the Room table.

? **StandardDialog**: This is a page type that provides a modal dialog for user interaction, commonly used for setup wizards, confirmations, and input forms that require user action before proceeding. This is appropriate for configuring the first installation, where a step-by-step guided interaction is necessary.

**NEW QUESTION 5**

HOTSPOT - (Topic 1)



You need to download a stored picture from the Room Incident page.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

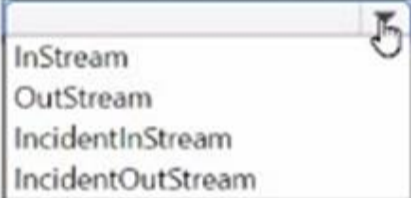
NOTE: Each correct selection is worth one point.

**InStream and OutStream**

```

local procedure DownloadIncidentPicture(Incident : Record Incident)
var
    TempBlob : Codeunit "Temp Blob";
    IncidentOutStream : OutStream;
    IncidentInStream : InStream;
    ImageFilter, FileName : Text;
begin
    TempBlob. (IncidentOutStream);
    Incident.Image.ExportStream(IncidentOutStream);
    TempBlob. (IncidentInStream);

    ImageFilter := 'Image Files (*.bmp;*.jpg;*.gif)|*.bmp;*.jpg;*.gif';
    FileName := 'Customer Picture';

    if not DownloadFromStream(, 'Download Incident Picture', '', ImageFilter, FileName) then
        exit;
    
```

- F
- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

```

TempBlob: Codeunit "Temp Blob"; IncidentOutStream: OutStream; IncidentInStream: InStream; ImageFilter, FileName: Text; begin
// Initialize the TempBlob and streams TempBlob.CreateOutStream(IncidentOutStream);
Rec.Image.ExportStream(IncidentOutStream); // 'Rec' refers to the current Room Incident record
TempBlob.CreateInStream(IncidentInStream);
// Set the filters and filename for the image
ImageFilter := 'Image Files (*.bmp;*.jpg;*.jpeg;*.gif)|*.bmp;*.jpg;*.jpeg;*.gif'; FileName := 'Customer Picture';
// Prompt the user to download the image
if not DownloadFromStream(IncidentInStream, "Download Incident Picture", "", ImageFilter, FileName) then
Error('Unable to download the image.');
```

**NEW QUESTION 6**

- (Topic 1)

You need to improve performance when ticketAPI is used to analyze the POS data. What should you do?

- A. Set the ODataReadOnlyGetEnabled parameter to True in the Business Central admin center.
- B. Set the AceesByPermission property to Read on the ticketAPI API page.
- C. Enable read scale-out on the Business Central database.
- D. Set the DataAccessIntent property to ReadOnly on the ticketAPI API page.

**Answer:** C

**Explanation:**

- ? Read Scale-Out:
- ? Data Access Intent - ReadOnly:
- ? Why Not Other Options?
- Reference Documentation:
- ? Read Scale-Out in Business Central
- ? Data Access Intent in AL

**NEW QUESTION 7**

HOTSPOT - (Topic 2)

You need to write the code to call the subcontractor's REST API.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**REST services**

```
procedure CallSubcontractorAPI(Url: Text[2048]; Username: Text[100]; Password:
Text[100]; Body: Text)
```

var

```
httpClient: HttpClient;
ResponseMessage: HttpResponseMessage;
RequestHeaders, ContentHeaders: HttpHeaders;
httpClient: HttpClient;
Base64Convert: Codeunit "Base64 Convert";
Response: Text;
```

begin

```
RequestHeaders := httpClient.DefaultRequestHeaders();
```

RequestHeaders.Add( Authentication  
Authorization  
Authorization  
Authentication  
Credentials , 'Basic ' + Base64Convert.FromBase64(Username + ':' + Password)  
Base64Convert.ToBase64(Username + ':' + Password)  
Base64Convert.ToBase64(Username) + Base64Convert.ToBase64>Password)  
Username + ':' + Password );

```
httpClient.GetHeaders(ContentHeaders);
```

```
ContentHeaders.Remove('Content-Type');
```

```
ContentHeaders.Add('Content-Type', 'application/json');
```

if httpClient.Post(Url, httpClient)  
httpClient.Post(Url, httpClient, Response)  
httpClient.Post(Url, httpClient, ResponseMessage)  
httpClient.Send(Url, httpClient, ResponseMessage) then httpClient := Body  
httpClient.Clear()  
httpClient.WriteFrom(Body)

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

To correctly write the code to call the subcontractor's REST API, you would need to set the Authorization header with the base64 encoded username and password for basic authentication. The code segment indicates the use of the Base64Convert codeunit to convert the username and password to base64 format, which is then prefixed with "Basic " to form the proper Authorization header value.

The correct method to add the Authorization header to the RequestHeaders would be:

```
RequestHeaders.Add('Authorization', 'Basic ' + Base64Convert.ToBase64(Username + ':' + Password));
```

And the correct method to set the httpClient with the body of the request would be:

```
httpClient.WriteFrom(Body);
```

These are the necessary steps to form a well-structured HTTP request for basic authentication and to include the body of the request in the API call.

**NEW QUESTION 8**

DRAG DROP - (Topic 2)

You need to handle the removal of the Description field and the Clone procedure without breaking other extensions.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

**Actions**

- Set the Description field as ObsoleteState = Removed; in version 2.0.0.1.
- Remove the Description field in version 2.0.0.0.
- Set the Clone procedure as ObsoleteState = Removed; in version 2.0.0.1.
- Remove the Clone procedure in version 2.0.0.0.
- Set the Clone procedure as ObsoleteState = Pending and ObsoleteReason = 'Not in use' in version 2.0.0.0.
- Set the Description field as ObsoleteState = Pending and ObsoleteReason = 'Not in use' in version 2.0.0.0.
- Remove the Description field from the Issue table in version 2.0.0.1.
- Add the [Obsolete('xxx')] attribute to the Clone procedure in version 2.0.0.0.



**Actions to handle the field and procedure removal**



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

In Business Central, when you need to handle the removal of fields and procedures to ensure that other extensions are not affected by these changes, you typically follow a two-step deprecation process. This allows other developers and users to adapt to the changes before they are fully enforced. Here are the steps to handle the removal:

? Mark as Obsolete: In the first version where the decision to remove the field or procedure is made, you set the ObsoleteState to Pending and provide an ObsoleteReason. This doesn't remove the feature but indicates to users and developers that it will be removed in the future. This step is crucial for backward compatibility.

? Removal: In a subsequent version, after users have had time to adapt to the deprecation warning, you can then remove the field or procedure or set the ObsoleteState to Removed.

Based on these guidelines, here are the three actions you should perform in sequence:

- ? Set the Description field as ObsoleteState = Pending and ObsoleteReason = 'Not in use' in version 2.0.0.0.
- ? Set the Clone procedure as ObsoleteState = Pending and ObsoleteReason = 'Not in use' in version 2.0.0.0.
- ? Remove the Description field from the Issue table in version 2.0.0.1.

These steps will ensure that anyone using the Description field or Clone procedure will receive a warning about the pending deprecation before it is actually removed, thereby minimizing the impact on other extensions and providing a clear path for migration.

When handling the removal of fields and procedures in Microsoft Dynamics 365 Business Central, the process should be carried out in a way that allows other extensions or dependent features to adapt to the changes without causing immediate failures.

? Set Obsolete State and Reason for Description Field (Version 2.0.0.0): The first step involves marking the Description field as obsolete by setting the ObsoleteState to 'Pending'. This is a non-breaking change, signaling to other developers and users that the field is planned for removal in a future version. An ObsoleteReason should also be provided to explain why the field is being deprecated.

? Set Obsolete State and Reason for Clone Procedure (Version 2.0.0.0): Similarly, the Clone procedure should be marked as obsolete with the ObsoleteState set to 'Pending'. This indicates that the procedure is no longer in use and will be removed in the future. Providing an ObsoleteReason is best practice as it explains the rationale behind the decision.

? Remove the Description Field (Version 2.0.0.1): In the subsequent version, after the developers and users have been given time to adapt to the deprecation notice, the Description field can be safely removed from the Issue table. This is considered a breaking change, hence it is done after the field has been marked as obsolete in a previous version.

The reason for not removing the Description field and Clone procedure immediately in version 2.0.0.0 is to avoid causing runtime errors for any extensions or integrations that may depend on these components. By following this sequence, you provide a clear deprecation path that helps maintain the stability of the overall system while evolving the schema.

**NEW QUESTION 9**

HOTSPOT - (Topic 2)

You need to create the API page according to the requirements.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Code segment for API page

```

        page 50100 ItemAPI
    {
        PageType = API;
        Caption = 'ItemApi';
        APIPublisher = 'contoso';
        APIGroup = 'sales';
        APIVersion = 'v1.0';
        EntityName = 'item';
        EntitySetName = 'items';
        SourceTable = Item;
        ODataKeyFields = SystemId;
    }

```

InsertAllowed = false; DelayedInsert = true; DataAccessIntent = ReadOnly;
ModifyAllowed = false; Editable = false; UsageCategory = Lists;

```

    layout
    {
        area(Content)
        {
            repeater(Groupname)
            {
                field(no; Rec."No.")
                {
                }
                field(description; Rec.Description)
                {
                }
                field(salesTotal; Rec."Sales (LCY)")
                {
                }
            }
        }
    }
}

```

- A. Mastered
- B. Not Mastered

Answer: A

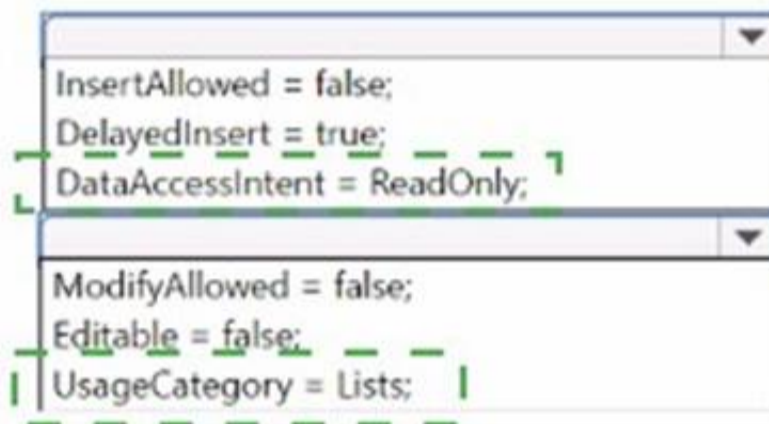
Explanation:

Code segment for API page

```

        page 50100 ItemAPI
    {
        PageType = API;
        Caption = 'ItemApi';
        APIPublisher = 'contoso';
        APIGroup = 'sales';
        APIVersion = 'v1.0';
        EntityName = 'item';
        EntitySetName = 'items';
        SourceTable = Item;
        ODataKeyFields = SystemId;
    }

```



```

    layout
    {
        area(Content)
        {
            repeater(Groupname)
            {
                field(no; Rec."No.")
                {
                }
                field(description; Rec.Description)
                {
                }
                field(salesTotal; Rec."Sales (LCY)")
                {
                }
            }
        }
    }
}

```

**NEW QUESTION 10**

DRAG DROP - (Topic 2)

You need to implement the Issue Management module and expose the PostIssue method.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: Note than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

**Actions**

- ☰ Create a local procedure named *PostIssueImpl* in the "Issue Management" codeunit.
- ☰ Create a PostIssue procedure in the "Issue Management" codeunit, and in it call the PostIssue method defined in the "Issue Management Impl." codeunit.
- ☰ Create a codeunit named "Issue Management Impl." and set the value of Access property to Public.
- ☰ Create a codeunit named "Issue Management" and set the value of Access property to Public.
- ☰ Create a PostIssue procedure in the "Issue Management" codeunit, and in it call the PostIssueImpl method.
- ☰ Create a codeunit named "Issue Management Impl." and set the value of Access property to Internal.
- ☰ Create a PostIssue procedure in the "Issue Management Impl." codeunit and add the needed code to the procedure.

**Steps to implement the Issue Management module**

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Here is the most logical sequence of actions for implementing the Issue Management module in Business Central and exposing the PostIssue method: Correct Order:

- ? Create a codeunit named "Issue Management Impl." and set the value of Access property to Internal.
- ? Create a local procedure named PostIssueImpl in the "Issue Management Impl." codeunit.
- ? Create a codeunit named "Issue Management" and set the value of Access property to Public.
- ? Create a PostIssue procedure in the "Issue Management" codeunit, and in it call the PostIssueImpl method.

**NEW QUESTION 10**

- (Topic 2)

You need to determine why the debugger does not start correctly. What is the cause of the problem?

- A. The "userId" parameter must have the GUID of the user specified, not the username.
- B. The "breakOnNext" parameter is not set to -WebServiceClient".
- C. The "userId" parameter is specified, and the next user session that is specified in the "breakOnNext" parameter is snapshot debugged.
- D. The "executionContext\*" parameter is not set to "Debug".

**Answer:** A

**Explanation:**

In Microsoft Dynamics 365 Business Central, when configuring snapshot debugging, it is crucial that the parameters in the configuration file are correctly set. From the options provided, the issue with the debugger not starting correctly is most likely due to an incorrect "userId" parameter.

- ? Option A is the cause of the problem. The "userId" parameter must be the GUID of the user, not the username. The snapshot debugger needs the exact GUID to attach to the right session for debugging.
- ? Option B is incorrect because "breakOnNext" set to "WebClient" is a valid setting. This tells the debugger to break on the next client action in the web client, which is a typical scenario.
- ? Option C is not the cause of the problem. The "userId" parameter is meant to specify which user session to debug, and this works in conjunction with the "breakOnNext" parameter.
- ? Option D is incorrect as the "executionContext" parameter does not need to be set to "Debug" for snapshot debugging to work. "DebugAndProfile" is a valid value for the "executionContext" parameter, as it allows for debugging and collecting performance information. Therefore, the reason why the debugger does not start correctly is due to Option A: The "userId" parameter must have the GUID of the user specified, not the username.

**NEW QUESTION 15**

- (Topic 2)

You need to determine why the extension does not appear in the tenant.

What are two possible reasons for the disappearance? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. The extension was published as a DEV extension.

- B. The extension was not compatible with the new version within 60 days of the first notification.
- C. The extension was published as PT
- D. and the Platform parameter was not updated in the application file.
- E. The extension was published as PT
- F. and the Platform and Runtime parameters were not updated in the application file.
- G. The extension was not compatible with the new version within 90 days of the first notification.

**Answer:** BD

**Explanation:**

In the context of Microsoft Dynamics 365 Business Central, an extension may not appear in the tenant for several reasons, particularly after an upgrade to a new major version.

? Option A suggests that the extension was published as a DEV extension, which typically would not cause it to disappear after an upgrade because DEV extensions are intended for development and testing within sandbox environments.

? Option B indicates that the extension was not compatible with the new version within 60 days of the first notification. This is a likely reason because Microsoft enforces compatibility rules, and extensions that are not made compatible within the specified timeframe might be removed or disabled.

? Option C refers to the extension being published as a PTE (Per-Tenant Extension) and mentions the Platform parameter not being updated. This could cause issues, but not specifically the disappearance of the extension after an upgrade.

? Option D expands on Option C by adding that both the Platform and Runtime parameters were not updated in the application file. This is a critical aspect because if these parameters are not correctly set to indicate compatibility with the new version of Business Central, the extension could be disabled or removed.

? Option E is similar to Option B but mentions a 90-day period. This option does not align with standard Business Central practices for version compatibility requirements.

Therefore, the two possible reasons for the disappearance of the extension in the tenant after an upgrade are that the extension was not compatible with the new version within the required timeframe (Option B) and that the extension was published as a PTE without the Platform and Runtime parameters being updated (Option D).

**NEW QUESTION 17**

- (Topic 2)

You need to call the Issue API action from the mobile application. Which action should you use?

- A. POST/issues (88122e0e-5796-ec11-bb87-000d3a392eb5)Microsoit.NAV.copy
- B. PATCH /issues {88122 eOe-5796-ed 1 -bb87-000d3a392eb5)/Mkrosotl.NAV.Copy
- C. POST /issues (88122e0e-5796-ec11 -bb87-000d3a392eb5)/Copy
- D. POST /issues (88122e0e-5796-ec11 -bb87-000d3a392eb5)/copy
- E. POST/issues(88122e0e-5796-ec11-bb87-000d3a392eb5)/MicrosoftNAV.Copy

**Answer:** C

**Explanation:**

In the context provided by the case study, when calling an API action from a mobile application, the correct format for a POST request to an action in Business Central typically involves specifying the entity (/issues), the ID of the entity (88122e0e-5796-ec11- bb87-000d3a392eb5), and the action to be called (/Copy). The action name should match the exact name as defined in the AL code, which is case-sensitive.

? Option A is incorrect because it uses a non-standard format for the action call.

? Option B uses the PATCH method, which is generally used for update operations, not for calling actions.

? Option C is correct as it uses the POST method, which is appropriate for calling actions, and correctly specifies the entity, ID, and action name.

? Option D is incorrect because the action name /copy is in lowercase, while AL is case-sensitive, and it should match the case exactly as defined in the code.

? Option E incorrectly adds 'MicrosoftNAV' before the action name, which is not standard for calling actions in Business Central APIs.

Hence, the correct action to use when calling the Issue API action from the mobile application is given in Option C.

**NEW QUESTION 19**

HOTSPOT - (Topic 3)

You need to assist the development department with setting up Visual Studio Code to design the purchase department extension, meeting the quality department requirements.

How should you complete the app.json file? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Development environment configuration**

The image shows a code editor with an app.json file. The file content is:
 

```
{
  "applicationInsightsConnectionString": "InstrumentationKey=243d2dc8-60e2....",
  "target": "Cloud",
  "runtime": "Cloud",
  "-----"
}
```

 Three dropdown menus are open:
 

- The first dropdown, for 'applicationInsightsConnectionString', has three options: 'applicationInsightsConnectionString' (selected), 'applicationInsightsConnectionString', and 'applicationInsightsKey'.
- The second dropdown, for 'target', has three options: 'Cloud' (selected), 'Extension', and 'OnPrem'.
- The third dropdown, for 'runtime', has three options: 'Cloud' (selected), 'Extension', and 'OnPrem'.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Development environment configuration

```
{
  applicationInsightsConnectionString
  applicationInsightsConnectionString
  applicationInsightsKey
  "target": Cloud
  "runtime": Cloud
  -----
  Extension
  OnPrem
}
```

": "InstrumentationKey=243d2dc8-60e2....",

**NEW QUESTION 23**

DRAG DROP - (Topic 3)

You need to configure the Subcontract Docs extension to translate the fields.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Manage multilanguage development

Answer Area

- ☰ Open the table Subcontract Documents.
- ☰ Add the CaptionML property for each field.
- ☰ Complete the value for CaptionML for each field with the format <ENU>=<field caption translated into English>,<ESP>=<field caption translated into Spanish>;.
- ☰ Open the Subcontract Document List page.
- ☰ Add the setting "features": [ "TranslationFile" ] in the app.json file.
- ☰ Use the build command AL: Package in Visual Studio Code to generate the \Translations folder.
- ☰ Translate the generated .xlf file.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Manage multilanguage development

- ☰ Open the table Subcontract Documents.
- ☰ Add the CaptionML property for each field.
- ☰ Complete the value for CaptionML for each field with the format `<ENU>='<field caption translated into English>',<ESP>='<field caption translated into Spanish>';`.
- ☰ Open the Subcontract Document List page.
- ☰ Add the setting "features": [ "TranslationFile" ] in the app.json file.
- ☰ Use the build command AL: Package in Visual Studio Code to generate the \Translations folder.
- ☰ Translate the generated .xlf file.

Answer Area

- ☰ Add the setting "features": [ "TranslationFile" ] in the app.json file.
- ☰ Use the build command AL: Package in Visual Studio Code to generate the \Translations folder.
- ☰ Translate the generated .xlf file.

**NEW QUESTION 28**

HOTSPOT - (Topic 3)

You need to create the code related to the Subcontract Documents table to meet the requirement for the quality department. How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Standard triggers in code

```
codeunit 50100 Vendor
codeunit 50100 Vendor
table 50100 "Vendor Control"
tableextension 50100 "Vendor Control" extends Vendor
tableextension 50100 "Vendor Control" extends "Subcontract Documents"
```

{

```
trigger OnDelete()
trigger OnDelete()
trigger OnModify()
procedure OnDeleteSubcontractDocument()
```

var

```
SubcontractDocument: Record "Subcontract Documents";
errLbl: Label 'You cannot remove a vendor that has subcontract documents.';
```

begin

```
SubcontractDocument.SetRange("Subcontract No.", rec."No.");
SubcontractDocument.SetRange("Posted", false);
if not SubcontractDocument.IsEmpty then
```

```
error(errLbl)
confirm(errLbl)
error(errLbl)
message(errLbl)
```

else begin

```
SubcontractDocument.SetRange(Posted);
if SubcontractDocument.FindSet() then
SubcontractDocument.DeleteAll();
```

end;

end;

- A. Mastered
- B. Not Mastered

**Answer:** A**Explanation:**

### Standard triggers in code

```
codeunit 50100 Vendor
codeunit 50100 Vendor
table 50100 "Vendor Control"
tableextension 50100 "Vendor Control" extends Vendor
tableextension 50100 "Vendor Control" extends "Subcontract Documents"
```

```
{
trigger OnDelete()
trigger OnDelete()
trigger OnModify()
procedure OnDeleteSubcontractDocument()
```

```
var
    SubcontractDocument: Record "Subcontract Documents";
    errLbl: Label 'You cannot remove a vendor that has subcontract documents.';
begin
    SubcontractDocument.SetRange("Subcontract No.", rec."No.");
    SubcontractDocument.SetRange("Posted", false);
    if not SubcontractDocument.IsEmpty then
        error(errLbl)
        confirm(errLbl)
        error(errLbl)
        message(errLbl)
    else begin
        SubcontractDocument.SetRange(Posted);
        if SubcontractDocument.FindSet() then
            SubcontractDocument.DeleteAll();
    end;
end;
```

**NEW QUESTION 31**

HOTSPOT - (Topic 3)

You need to create the Fabrikam Vendor API for the accounting department.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Using API pages

```
page 50101 "Fabrikam Vendor API"
page 50101 "Fabrikam Vendor API"
query 50101 "Fabrikam Vendor API"
pageextension 50101 "Fabrikam Vendor API"
```

```
{
  PageType = API;
  PageType = API;
  QueryType = API;
  PageType = List;
```

```
  Caption = 'Fabrikam Vendor API';
  APIPublisher = 'fabrikam';
  APIGroup = 'control';
  APIVersion = 'v2.0';
  EntityName = 'vendor';
  EntitySetName = 'vendors';
  SourceTable = Vendor;
  Editable = false;
```

```
  DataAccessIntent = ReadOnly;
  DataAccessIntent = ReadWrite;
  DataAccessIntent = ReadOnly;
  InsertAllowed = false;
  ModifyAllowed = false;
```

```
  layout
  {
    area(Content)
    {
      repeater(GroupName)
      {
        field(vendorNo; rec."No.")
        {
          Caption = 'vendorNo';
        }
        field(vendorName; rec.Name)
        {
          Caption = 'Name';
        }
      }
    }
  }
}
```

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

### Using API pages

page 50101 "Fabrikam Vendor API"  
 page 50101 "Fabrikam Vendor API"  
 query 50101 "Fabrikam Vendor API"  
 pageextension 50101 "Fabrikam Vendor API"

{  
 PageType = API; API';  
 QueryType = API;  
 PageType = List;

```
Caption = 'Fabrikam Vendor API';
APIPublisher = 'fabrikam';
APIGroup = 'control';
APIVersion = 'v2.0';
EntityName = 'vendor';
EntitySetName = 'vendors';
SourceTable = Vendor;
Editable = false;
```

DataAccessIntent = ReadOnly;  
 DataAccessIntent = ReadWrite;  
 DataAccessIntent = ReadOnly;  
 InsertAllowed = false;  
 ModifyAllowed = false;

```
layout
{
    area(Content)
    {
        repeater(GroupName)
        {
            field(vendorNo; rec."No.")
            {
                Caption = 'vendorNo';
            }
            field(vendorName; rec.Name)
            {
                Caption = 'Name';
            }
        }
    }
}
```

**NEW QUESTION 34**

HOTSPOT - (Topic 3)

You need to modify the API Customer list code to obtain the required result.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

**Code to create API Customer Lines**

Statements	Yes	No
Add two lines, one between lines 8 and 9 with <code>orderBy = descending("Outstanding Quantity");</code> and another between lines 24 and 25 with <code>Method = Sum;</code>	<input type="radio"/>	<input type="radio"/>
Add three lines: one between line 8 and 9 with <code>orderBy = descending(qty);</code> , another between line 22 and 23 with <code>DataTableFilter = "Document Type" = filter( 'order');</code> , and another between lines 24 and 25 with <code>Method = Sum;</code>	<input type="radio"/>	<input type="radio"/>
Add three lines: one between lines 8 and 9 with <code>orderBy = descending(qty);</code> , another between lines 22 and 23 with <code>DataTableFilter = "Document Type" = const('Order');</code> , and another between lines 24 and 25 with <code>Method = Sum;</code>	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Code to create API Customer Lines**

Statements	Yes	No
Add two lines, one between lines 8 and 9 with <code>orderBy = descending("Outstanding Quantity");</code> and another between lines 24 and 25 with <code>Method = Sum;</code>	<input checked="" type="radio"/>	<input type="radio"/>
Add three lines: one between line 8 and 9 with <code>orderBy = descending(qty);</code> , another between line 22 and 23 with <code>DataTableFilter = "Document Type" = filter( 'order');</code> , and another between lines 24 and 25 with <code>Method = Sum;</code>	<input checked="" type="radio"/>	<input type="radio"/>
Add three lines: one between lines 8 and 9 with <code>orderBy = descending(qty);</code> , another between lines 22 and 23 with <code>DataTableFilter = "Document Type" = const('Order');</code> , and another between lines 24 and 25 with <code>Method = Sum;</code>	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 35**

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question set might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear on the review screen.

A company creates a Business Central app and a table named MyTable to store records when sales orders are posted.

Users report the following issues:

- The users receive permission errors related to MyTable.
- Users are no longer able to post sales orders since installing the new app.
- The users cannot access the list page created in MyTable.

You need to resolve the user issues without creating new permission sets. You must use the principle of least privilege.

Solution: Decorate the event subscriber used for inserting data in MyTable by entering `(InherentPermissions(PermissionObjectType:TableData, Database:MyTable, 'R'))`

Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:**

Using InherentPermissions in an event subscriber with the specified syntax could potentially resolve the permission issues related to MyTable, provided that the permissions specified (in this case, 'R' for Read) align with the minimum necessary for the users to perform their tasks. This approach allows the app to grant permissions dynamically based on the context of the event subscriber, which in this case is involved with inserting data into MyTable. By granting Read permission at the event level, it ensures that users have the necessary permissions to interact with MyTable in the context of the operations facilitated by the event subscriber, without needing to alter existing permission sets or grant broader permissions than necessary. This solution adheres to the principle of least privilege by ensuring that permissions are granted only within the narrow scope needed for specific operations, thereby potentially resolving the reported user issues in a secure and controlled manner.

**NEW QUESTION 39**

HOTSPOT - (Topic 4)

A company plans to integrate tests with its build pipelines.

The company has two Docket sandbox environments: SandboxA and SandboxB. You observe the following:

- SandboxA is configured without the Test Toolkit installed.
- SandboxB must be configured from scratch. The Test Toolkit must be installed in SandboxB during configuration.

You need to configure the sandbox environments.

How should you complete the cmdlets? To answer, select the appropriate options in the answer area.

**Test Toolkit**

```

-includeTestToolkit
-includeTestFramework
Install-TestToolkitToBcContainer
Import-TestToolkitToBcContainer
    
```

-containerName SandboxA

```

$artifactUrl = Get-BcArtifactUrl -type 'OnPrem' -country 'w1'
$licenseFile = 'C:\Lic\license.bclicense'
Get-BcArtifactUrl -type 'OnPrem' -country 'w1'
New-BcContainer `
    -accept_eula `
    -containerName 'SandboxB' `
    -artifactUrl $artifactUrl `
    -imageName 'ImageB' `
    -licenseFile $licenseFile `
    
```

```

-includeTestToolkit
-includeTestFramework
Install-TestToolkitToBcContainer
Import-TestToolkitToBcContainer
    
```

```

-includeAL `
-vsixFile (Get-LatestAllLanguageExtensionUrl) `
-updateHosts
    
```

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Based on the PowerShell script snippet you've provided and the scenario described, you need to configure Docker sandbox environments for a company with specific requirements for Test Toolkit installations.

For SandboxA, since it is configured without the Test Toolkit installed, you would typically use the PowerShell cmdlet Install-TestToolkitToBcContainer to install the Test Toolkit into the Business Central Docker container.

For SandboxB, which must be configured from scratch with the Test Toolkit installed during configuration, you would include the Test Toolkit as part of the New-BcContainer script block that creates the container.

The relevant cmdlets and parameters for SandboxB would include:

? -includeTestToolkit: This parameter ensures that the Test Toolkit is included during the creation of the new container.

Given the limited context from the image, here's how you should complete the cmdlets for SandboxB:

? Add -includeTestToolkit in the New-BcContainer script to ensure the Test Toolkit is installed when creating SandboxB.

? Since you are setting up SandboxB from scratch, you don't need to run Install-TestToolkitToBcContainer separately as the toolkit will be included at the time of container creation with the -includeTestToolkit parameter.

For the New-BcContainer cmdlet, you would fill in the placeholders with the appropriate values for artifactUrl, imageName, and licenseFile if they are required for your specific setup.

**NEW QUESTION 41**

DRAG DROP - (Topic 4)

You are developing an XMLport to export data from the parent Item table and a related child 'Item Unit of Measure' table. The XMLport configuration must provide the following:

- Link the child table to its parent.
  - Display a confirmation message after the XMLport runs. You need to generate the XMLport.
- What should you do? To answer, move the appropriate triggers to the correct requirements. You may use each trigger once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

Triggers	XMLport trigger	Requirement	Trigger
OnAfterGetRecord		Trigger to link the child table to its parent	
OnBeforeGetRecord		Trigger to display a confirmation message after the XmlPort runs	
OnPostXmlPort			
OnPreXmlItem			

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

To meet the XMLport configuration requirements:

- ? Link the child table to its parent: Use the OnAfterGetRecord trigger.
- ? Display a confirmation message after the XMLport runs: Use the OnPostXMLPort trigger.

In Business Central, when you are developing an XMLport for data export, triggers are used to perform actions at different stages of the XMLport's operation:

- ? OnAfterGetRecord Trigger: This trigger fires after a record is retrieved from the database but before it is processed for output in the XMLport. It is the ideal place to link child table records to their parent because you have access to the current record that can be used to set filters or modify data in the child table before it is written to the XML file.
  - ? OnPostXMLPort Trigger: This trigger fires after the XMLport has finished processing all records. It is the correct place to display a confirmation message because it ensures that the message will appear after the entire XMLport operation is complete. Here, you can use application-specific functions to show the message, such as MESSAGE function in AL code.
- By placing the appropriate triggers in these positions, you can ensure that the XMLport will link the child records to their parent records during the data export process and will notify the user with a confirmation message once the operation is successfully completed.

**NEW QUESTION 42**

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear on the review screen.

A company creates a Business Central app and a table named MyTable to store records when sales orders are posted.

Users report the following issues:

- The users receive permission errors related to MyTable.
- Users are no longer able to post sales orders since installing the new app.
- The users cannot access the list page created in MyTable.

You need to resolve the user issues without creating new permission sets. You must use the principle of least privilege.

Solution: Assign a SUPER permission set. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

**Explanation:**

Assigning a SUPER permission set to all users would indeed resolve the permission errors and access issues reported by the users, as it grants full permissions across all objects and data in Business Central. However, this approach contradicts the principle of least privilege, which advocates for providing only the minimum levels of access necessary for users to perform their jobs. The SUPER permission set would excessively elevate user privileges, potentially leading to security risks and unintended modifications to critical data. Therefore, while assigning the SUPER permission set might technically resolve the immediate issues, it does not meet the goal of adhering to the principle of least privilege and is not a recommended solution.

**NEW QUESTION 47**

HOTSPOT - (Topic 4)

You create an 'AddItemsToJson' procedure and publish it.

```

01 procedure AddItemsToJson() RequestText: Text
02 var
03     Item: Record Item;
04     ItemObject: JsonObject;
05     ItemsArray: JsonArray;
06 begin
07     Clear(ItemsArray);
08     Clear(ItemObject);
09     If Item.FindSet() then begin
10         repeat
11             ItemObject.Add('No', Item."No.");
12             ItemObject.Add('Description', Item.Description);
13             ItemsArray.Add(ItemObject);
14         until Item.Next() = 0;
15         ItemsArray.WriteTo(RequestText);
16     end;
17 end;

```

The procedure fails to run.  
 You need to fix the errors in the code.  
 For each of the following statements, select Yes if the statement is true. Otherwise, select No.

**JSON file processing**

Statement	Yes	No
In line 13, replace the Add method with Insert.	<input type="radio"/>	<input type="radio"/>
In line 15, replace the WriteTo method with ReadFrom.	<input type="radio"/>	<input type="radio"/>
Change the ItemObject variable type from JsonObject to JsonToken.	<input type="radio"/>	<input type="radio"/>
Move line 08 in the beginning of REPEAT..UNTIL.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

- ? In line 13, replace the Add method with Insert. = NO
- ? In line 15, replace the WriteTo method with ReadFrom. = NO
- ? Change the ItemObject variable type from JsonObject to JsonToken. = NO
- ? Move line 08 in the beginning of REPEAT .. UNTIL. = YES

The provided code is intended to serialize a list of items from the Item table into a JSON array format. Here is a breakdown of the code and the necessary corrections:

- ? In line 13, "ItemsArray.Add(ItemObject)": This line is correctly using the Add method to add the ItemObject to the ItemsArray. The Add method is the correct method to use for adding items to a JsonArray. Therefore, there is no need to replace Add with Insert.
  - ? In line 15, "ItemsArray.WriteTo(RequestText)": The WriteTo method is used correctly to serialize the ItemsArray into a JSON formatted string and store it in the RequestText variable. The ReadFrom method is used for the opposite operation, i.e., to deserialize a JSON formatted string into a JsonArray, which is not the goal in this context. Hence, no change is needed here.
  - ? Change the ItemObject variable type from JsonObject to JsonToken: The ItemObject variable is intended to hold JSON objects representing individual items, making JsonObject the appropriate type. JsonToken is not a type used in this context within AL for Business Central, and thus the variable type should remain as JsonObject.
  - ? Move line 08, "Clear(ItemObject)": This line should be moved inside the repeat loop to ensure that the ItemObject is cleared for each item in the loop. Placing it before the repeat would only clear it once before the loop starts, which could lead to incorrect serialization as the previous item's properties would not be cleared from the ItemObject.
- The logic for serializing records into JSON is a common operation when interfacing with APIs or web services in Business Central, and the pattern shown in the code is typical for such operations.

**NEW QUESTION 52**

- (Topic 4)  
 You plan to write unit test functions to test newly developed functionality in an app. You must create a test codeunit to write the functions.  
 You need to select the property to use for the test codeunit.  
 Which property should you use to ensure that the requirements are fulfilled?

- A. SubType
- B. Access
- C. Description

**Answer:** A

**Explanation:**

When creating a test codeunit in Microsoft Dynamics 365 Business Central to write unit test functions, the SubType property (A) of the codeunit should be set to Test. This property is crucial for defining the codeunit's purpose and behavior within the application. By setting the SubType property to Test, you are indicating that the codeunit contains test functions intended to validate the functionality of other parts of the application, such as customizations or new developments. This

distinction ensures that the testing framework within Business Central recognizes the codeunit as a container for test functions, allowing it to execute these functions in a testing context, which can include setting up test data, running the tests, and cleaning up after the tests have completed.

**NEW QUESTION 57**

- (Topic 4)

You are creating a test codeunit for a company that uses Business Central. The company requires the following list of choices while posting a sales order:

- Ship
- Invoice
- Ship & Invoice

You must create a test codeunit that automatically selects one of these options. You need to create the test codeunit. Which handler should you use?

- A. SessionSettings Handle'
- B. SendNotificationHandler
- C. Recall Notification Hand let
- D. StrMenuHandler

**Answer:** D

**Explanation:**

? StrMenuHandler is used to simulate the selection of an option from a string-based menu, such as the "Ship," "Invoice," or "Ship & Invoice" options when posting a sales order. This handler allows you to programmatically select an option during automated testing.

? Other handlers, such as SessionSettingsHandler or SendNotificationHandler, do not simulate the selection of menu choices, which is specifically required in this scenario.

For more details on StrMenuHandler and how it simulates user interaction with menu choices, refer to the Test Handlers in Business Central.

**NEW QUESTION 58**

DRAG DROP - (Topic 4)

You create the following Vendor table and Item table in Business Central.

Vendor:

Vendor No.	Vendor Name
V0001	Contoso
V0002	Fabrikam
V0003	Relecloud

You require the following data set to assign vendors to items.

Item:

Item No.	Item Description	Vendor No.
1000	Table	V0001
1001	Chair	V0002
1002	Shelf	V0001
1003	Sofa	V0002
1004	Bed	V0004

You need to create a query to assign the vendors.

Vendor No.	Vendor Name	Item No.	Item Description
V0001	Contoso	1000	Table
V0001	Contoso	1002	Shelf
V0002	Fabrikam	1001	Chair
V0002	Fabrikam	1003	Sofa

Which three code blocks should you use to develop the solution? To answer, move the appropriate code blocks from the list of code blocks to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

**Code Blocks**

- SqlJoinType = LeftOuterJoin;
- DataItemLink = "Vendor No." = Vendor.Vendor\_No;
- dataitem(Item; Item)
- SqlJoinType = RightOuterJoin;
- DataItemLink = "Vendor No." = Item.Vendor\_No;
- SqlJoinType = InnerJoin;
- SqlJoinType = CrossJoin;
- dataitem(Vendor; Vendor)

**Creating a query**

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

To create a query that assigns vendors to items in Business Central, use the following code blocks in sequence:

- ? dataitem(Vendor; Vendor)
- ? dataitem(Item; Item)
- ? DataItemLink = "Vendor No." = Item.Vendor\_No;

Creating a query: In Business Central, a query object is used to combine data from multiple tables. You start by specifying each table as a data item. In this case, you would start with the Vendor table and then the Item table. After specifying the data items, you need to link them together. The DataItemLink property is used to establish a relationship between two data items based on a common field. Here, you are linking the Vendor and Item tables on the "Vendor No." field, which is present in both tables. This link ensures that the query will return a dataset that includes related records from both tables based on the vendor number. The order of the code blocks ensures the logical flow and relationships between tables as required for the query.

**NEW QUESTION 63**

- (Topic 4)

You are creating a view for a Business Central app.

The view requires a custom layout that displays only customer records with a balance greater than 500 in local currency. You need to configure the view to specify that it has a custom layout. Which property combination should you use?

- A. shareLayout = false; Filters = where (Balance = filter (> 500), ??Currency Code" = filter ("ICY\*));
- B. SharedLayout = true; Filters = where (Balance filter (> 500), ??Currency Code" - filter ('LCY')>;
- C. SharedLayout = false; Filters = where ("Balance (ICY)" - filter (> 500));
- D. SharedLayout = true; Filters = where ("Balance (ICY)" - filter (> 500));

**Answer:** B

**Explanation:**

? SharedLayout = true allows for the layout to be shared across views, and it is often used when defining a custom layout that should follow specific filtering conditions.

? The Filters property specifies the exact filter criteria for the view, in this case, filtering on Balance > 500 and the Currency Code = LCY (local currency).

? A uses incorrect filter syntax and shareLayout = false, which doesn't allow the layout to be shared, so it's not ideal for this use case.

? C and D both have issues with the filter syntax and do not use proper Currency Code filtering or share layout settings.

For more details, check Creating Views in Business Central.

**NEW QUESTION 65**

- (Topic 4)

You have an XMLport that exports items from a database to an XML file. You need to change the export format from XML to CSV. What should you do?

- A. Change the Direction property to Both
- B. Change the FormatEvaluate property to Legacy.
- C. Change the XmlVersionNo property to 1.1.
- D. Fill the FileName property with the Items.csv value.
- E. Change the Format property to VariableText.

Answer: E

**Explanation:**

**XMLport Overview** In Microsoft Dynamics 365 Business Central, XMLports are used for importing and exporting data in XML, CSV, or other text formats. By default, XMLports are designed to work with XML data, but they can also handle delimited text formats like CSV (Comma-Separated Values).  
**Requirement Clarification** The requirement is to change the export format from XML to CSV. CSV is a text-based format, not an XML format. To accommodate this, you need to change how the XMLport handles data during export.

**Properties of XMLport**

- ? The Format property in XMLports controls whether the output format is XML or a text-based format such as CSV.
- ? The VariableText option of the Format property specifies that the data should be exported in a variable text format, like CSV.
- ? The XMLports default to an XML format, but by setting the Format property to VariableText, you can change the export to CSV format or another text-delimited format.

**Explanation of Correct Answer (E)** To switch from XML to CSV export:

- ? You need to change the Format property of the XMLport to VariableText.
- ? The VariableText option allows for the export of data in a non-XML format, which is precisely what CSV represents (a comma-delimited text file).

**Why Other Options Are Incorrect**

- ? Option A (Change the Direction property to Both): The Direction property controls whether the XMLport is used for Import, Export, or Both (import and export), but it does not affect the file format (XML vs. CSV). Hence, this is irrelevant to the file format change.
- ? Option B (Change the FormatEvaluate property to Legacy): The FormatEvaluate property is not related to changing the export format. It deals with the evaluation of the data format during the processing but doesn't change the format type (XML or CSV).
- ? Option C (Change the XmlVersionNo property to 1.1): The XmlVersionNo property defines the XML version used for the export (such as 1.0 or 1.1). This only applies to XML exports and does not change the format to CSV.
- ? Option D (Fill the FileName property with Items.csv): While this option would specify the name of the file being exported (i.e., "Items.csv"), it doesn't control the format of the export itself. The actual format change is controlled by the Format property.

**Developer Reference from Microsoft Documentation** According to the official Microsoft documentation for XMLports in Business Central, the Format property is critical for determining how data is structured for export. To change the file format from XML to CSV, developers need to set the Format property to VariableText. This allows for export in a text-delimited format, which is ideal for CSV.

- ? XMLport Properties - Format Property
- ? How to: Export Data in Text Format Using XMLports

**NEW QUESTION 68**

HOTSPOT - (Topic 4)

A company plans to import and export data with Business Central

You must configure an XMLport that provides the following implementation;

- Specifies import 01 export on the Request page at run time
- \* Formats the data in a non-fixed length CSV format You need to create the XMLport.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**XMLport configuration**

```
xmlport 50102 "Sample XMLPort"
{
    Caption = 'Export Item Data';
    DefaultFieldsValidation = false;
    Direction = 
    FieldDelimiter = '<~>';
    FieldSeparator = '<  >';
    Format = VariableText;
    TextEncoding = UTF16;
    UseRequestPage = true;
    .....
}
```

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Direction: Both Format: VariableText

You are configuring an XMLport for Business Central with the following requirements:

? Specifies import or export on the Request page at runtime.

? Formats the data in a non-fixed length CSV format.

XMLport Configuration:

? Specifies import or export on the Request page at runtime. The Direction property must be set to Both.

? Formats the data in a non-fixed length CSV format. The Format property must be set to VariableText.

**NEW QUESTION 70**

- (Topic 4)

You are exporting data from Business Central.

You must export the data in a non-fixed length and width in CSV format. You need to generate an XMLport to export the data in the required format Which Format property value should you use?

- A. XML
- B. VariableText
- C. FixedText

**Answer:** B

**Explanation:**

When exporting data from Business Central and the requirement is for the data to be in a non-fixed length and width CSV format, the Format property of the XMLport should be set to VariableText (B). The VariableText format is designed for handling data exports where the fields are separated by a delimiter, such as a comma or tab, which is typical of CSV (Comma-Separated Values) files. This format allows for the flexibility needed when dealing with varying field lengths, as it does not enforce a fixed width for each field, making it ideal for CSV data exports. Setting the Format property to FixedText (C) would enforce a fixed width for each field, which is not suitable for CSV files, while the XML format (A) is used for exporting data in an XML structure, which is different from the CSV format requirements.

**NEW QUESTION 73**

- (Topic 4)

A company has extended Business Central. You plan to submit the extension to AppSource.

You need to ensure that an application meets the technical requirements before submitting it for validation.

Which three actions should you perform? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Use the OnBeforeCompanyOpen event for improved sign in time
- B. Include extension translation files with the submission.
- C. Ensure the app file is digitally signed
- D. Code all date fields in the mm-dd-yyyy format
- E. Use data classification on all tables and extension fields.

**Answer:** BCE

**Explanation:**

B. Include extension translation files with the submission.

? AppSource submissions require that the extension be localized to different languages, and including translation files is part of the requirement.

\* C. Ensure the app file is digitally signed.

? Digitally signing the app file is a security requirement for AppSource submissions to ensure the integrity and authenticity of the app.

\* E. Use data classification on all tables and extension fields.

? Microsoft requires that all data, especially personal data, be classified using the data classification feature to comply with GDPR and other data privacy regulations.

**NEW QUESTION 75**

HOTSPOT - (Topic 4)

You are developing a codeunit for a company that uses Business Central. The code unit must be run only during installation of an extension package. You need to create the codeunit.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Codeunit trigger

```
codeunit 50000 Test
{
    Subtype=
    trigger
    begin
    end;
}
```

The image shows a code editor with two dropdown menus. The first dropdown, labeled 'Subtype=', has four options: 'Install', 'Normal', 'Test', and 'Upgrade'. The second dropdown, labeled 'trigger', has four options: 'OnBeforeTestRun', 'OnInstallAppPerCompany', 'OnCheckPreconditionsPerCompany', and 'OnCheckPreconditionsPerDatabase'. The code in the background is partially obscured by these menus.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Subtype: Install

Trigger: OnInstallAppPerCompany

You are developing a codeunit that should only run during the installation of an extension package.

Options:

? Subtype: The correct subtype is Install, as it indicates that the codeunit runs only when the extension is being installed.

? Trigger: The correct trigger for running during installation is OnInstallAppPerCompany, which handles code execution when the app is installed for a specific company.

**NEW QUESTION 78**

HOTSPOT - (Topic 4)

You are writing a procedure to block all inventory items with numbers that do not start with the letter S.

You need to complete the procedure.

How should you complete the code expressions? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Procedure

```

Item. [Delete(), Init(), Insert(), Reset()];
Item. [Rename, SetFilter, SetRange, Validate] (Type, Item.Type::Inventory);
Item. [Rename, SetFilter, SetRange, Validate] ("No.", '<>%1*', 'S*');
if not Item. [Delete, Insert, IsEmpty, FindSet] then
Item. [Delete, Modify, ModifyAll, Rename] (Blocked, true);

```

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

```

procedure BlockNonSItems() var
Item: Record Item; begin
// Reset the Item record to clear any previous filters. Item.Reset();
// Set the filter to exclude items that start with 'S'. Item.SetFilter("No.", '<>%1*', 'S');
// Find each item that matches the filter. if Item.FindSet() then
repeat
// Set the Blocked field to true to block the item. Item.Blocked := true;
// Save the changes to the Item record. Item.Modify();
until Item.Next() = 0; // Continue until no more items are found.
end;

```

**NEW QUESTION 80**

- (Topic 4)

A company plans to set up a local Business Central Development Docker container. The environment will be used for testing new project ideas. You need to ensure that the most recent Business Central artifact URL has been selected. Which command should you use?

- A. Get-BcArtifactUrl -type sandbox -select Current
- B. Get-BcArtifactUrl -type sandbox -select Closest
- C. Get-BcArtifactUrl -type sandbox -select NextMinor
- D. Get-BcArtifactUrl -type sandbox -select NextMajor

Answer: A

**Explanation:**

To ensure the most recent Business Central artifact URL is selected for setting up a local Business Central Development Docker container, the command to use is Get-BcArtifactUrl -type sandbox -select Current (A). This PowerShell command retrieves the URL for the latest available Business Central artifact for a sandbox environment, ensuring that the Docker container is set up with the most up-to-date version for testing new project ideas. The -select Current parameter is crucial as it specifies that the current, or latest, version of the artifact is to be retrieved, as opposed to selecting a version based on other criteria such as Closest, NextMinor, or NextMajor.

**NEW QUESTION 85**

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the

stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result these questions will not appear in the review screen. A company plans to optimize its permission sets. The company has the following permission sets:

Permission Set A	Permission Set B
Permissions = tabledata Job = RiMD;	Permissions = tabledata Job = IMD;

You need to provide the following implementation for a third permission set:

- Create a new Permission Set C that is a composite of Permission Set A and Permission Set B.
- Assign Permission Set C to a user.

You need to ensure that the user has only read access to the Job table. Solution: Set the Excluded Permission Sets property to Permission Set B. Does the solution meet the goal?

- A. Yes
- B. No

**Answer: B**

**NEW QUESTION 90**

- (Topic 4)

A company has a test application.

A user observes the following error messages when running the test:

- "Unhandled UI: Message"
- "Unhandled UI: Confirm"

You need to resolve the errors. Which action should you take?

- A. Create a separate test runner codeunit that has Message Handler and Confirm Handler methods.
- B. Create the Message Handler and Confirm Handler methods in the test runner codeunit.
- C. Create a separate test codeunit that has Message Handler and Confirm Handler methods.
- D. Create the Message Handler and Confirm Handler methods in the test codeunit.

**Answer: B**

**Explanation:**

? Message Handler and Confirm Handler methods are used to intercept and handle these UI prompts during automated testing.

? These methods should be added to the test runner codeunit, which is responsible for running the tests and handling these system-level interactions.

**NEW QUESTION 95**

HOTSPOT - (Topic 4)

You have the following XML file sample for the Items list:

```
<Items>
  <Item No="1000">
    <Description>Table</Description>
  </Item>
  <Item No="1001">
    <Description>Chair</Description>
  </Item>
  <Item No="1002">
    <Description>Sofa</Description>
  </Item>
</Items>
```

You plan to create the next XML file by using an XMLport object.

You need to complete the code segment to export the file in the required format

How should you complete the code segment? To answer, select the appropriate options in the answer area.

Node types

```
schema
{
  textelement(Items)
  {
    (Item; Item)
    Fieldattribute
    Fieldelement
    Tableelement
    Textelement
  }
  (
    (No; Item."No.")
    Fieldattribute
    Fieldelement
    Textattribute
    Textelement
  )
  { }
  (Description; Item.Description)
  Fieldattribute
  Fieldelement
  Textattribute
  Textelement
}
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
Node types

```
schema
{
  textelement(Items)
  {
    (Item; Item)
    Fieldattribute
    Fieldelement
    Tableelement
    Textelement
  }
  (
    (No; Item."No.")
    Fieldattribute
    Fieldelement
    Textattribute
    Textelement
  )
  { }
  (Description; Item.Description)
    Fieldattribute
    Fieldelement
    Textattribute
    Textelement
}
}
```

NEW QUESTION 97

HOTSPOT - (Topic 4)

You develop a test application.

You must meet the following requirements:

- Roll back changes to a test method after run time.
- Run an approve action on a test page named TestPageA.

You need to implement the given requirements on the test codeunit

Which actions should you perform? To answer, select the appropriate options in the answer area

NOTE: Each correct selection is worth one point.

Test applications

Requirement

Roll back changes to a test method after run time.

Run an approve action on TestPageA.

Action

The screenshot shows two dropdown menus under the 'Action' header. The first dropdown menu contains the following options:
 

- Set the CommitBehavior attribute to Ignore.
- Set the ErrorBehavior attribute to Collect.
- Set the Testisolation property to Function.
- Set the TransactionModel attribute to AutoRollBack.

 The second dropdown menu contains the following options:
 

- Configure TestPageA.Approve.Enabled().
- Configure TestPageA.Approve.Invoke().
- Configure TestPageA.Approve.Visible().
- Configure TestPageA.Trap().

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

To roll back changes to a test method after run time, you should:

? Set the TransactionModel attribute to AutoRollback.

To run an approve action on a test page named TestPageA, you should:

? Configure TestPageA.Approve.Invoke().

In Business Central's testing framework, the TransactionModel attribute can be set to AutoRollback. This ensures that any changes made during the test are rolled back after the test is complete, leaving the database in its original state.

For running an action on a test page, you would use the 'Invoke' method on the action you wish to perform. In this case, to run an approve action on TestPageA, you would use TestPageA.Approve.Invoke() within your test codeunit. This simulates the user action of approving something on the page.

These actions ensure that the testing environment is properly set up to test specific functionalities without persisting test data and to invoke actions as part of the test scenarios.

NEW QUESTION 99

- (Topic 4)

You have a custom app.

A warning for the rule code named AAOXYZ appears in multiple app objects.

You need to change the severity of the rule from Warning to Info for only the current app. Which three actions should you perform? Each correct answer presents part of the

solution. Choose three.

NOTE: Each correct selection is worth one point.

A. Add the following ruleset object to the ruleset.json file: {

```

    "id": "AAOXYZ",
    "action": " Info" }
    To the "rules" array.
```

- B. Open the Visual Studio Code user settings.json file.
- C. Open the Visual Studio Code project settings.json file.
- D. Add the following ruleset object to the ruleset.json file:

```

{
    "id": "AAOXYZ",
    "action": "Hidden" }
To the "rules" array.
```

- E. Change the "al.enableCodeAnalysis" property value to "false".
- F. Add the "al.ruleSetPath" property with a path to the ruleset.json file.

Answer: BF

NEW QUESTION 102

HOTSPOT - (Topic 4)

You need to use a query data type to retrieve required data.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Retrieve data from queries

```

if QueryA. [dropdown] () then begin
    TopNumberOfRows
    Open
    Read
    Close
while QueryA. [dropdown] () do begin
    TopNumberOfRows
    Open
    Read
    Close
end;
end;
    
```

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

You are retrieving data using a query data type. The following code snippet needs to be completed:

- ? If QueryA...: The correct option here is Open. This opens the query and prepares it for data retrieval.
- ? While QueryA...: The correct option here is Read. This reads through the query results one row at a time.
- ? If QueryA...: Open
- ? While QueryA...: Read

**NEW QUESTION 104**

HOTSPOT - (Topic 4)

A company plans to customize its per tenant extension reports. The company has the following requirements for the customization:

- Child data items must not be displayed on the request page for some master detail reports.
- Selecting key filter fields takes users too much time. The customization must decrease the amount of time to select the fields.

You need to optimize the report request page.

Which actions should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Report request page**

**Observation**

Child data items of some master detail reports must not be displayed on the request page.

Decrease the amount of time to select filter fields.

**Action**

- Set the PrintOnlyIfDetail property to true.
- Set the UseRequestPage property to true.
- Set the DataItemTableView sorting property.
- Set the DataItemLinkReference property to the parent data item.
- Set the SaveValues Property to true.
- Specify the request page options.
- Specify the RequestFilterFields property.
- Specify the RequestFilterHeading property.

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

For the given requirements, you should configure the following actions:

- ? For child data items not to be displayed on the request page for some master- detail reports, set the DataItemLinkReference property to the parent data item.
- ? To decrease the amount of time to select key filter fields, specify the RequestFilterHeading property.

In Dynamics 365 Business Central, when customizing report request pages, certain properties can be set to control the behavior and display of the report options:

? Hiding Child Data Items:The DataItemLinkReference property is used to link a child data item to a parent data item in the data model of a report. Setting this property correctly will ensure that the child data items are related to the correct parent data item and will be displayed or hidden accordingly on the request page. If the goal is to prevent child data items from being displayed, you need to make sure they are correctly linked and configured to not appear.

? Optimizing Filter Field Selection:The RequestFilterHeading property is used to group filter fields on the request page. By specifying this property, you can create a more organized and user-friendly interface, which can significantly speed up the process of selecting filters. This property allows you to categorize filters into headings, making it quicker and easier for users to find and set the necessary filters for the report.

By adjusting these properties on the report request page as part of the per tenant extension customization, you will address the company's requirements to optimize the user experience when running reports.

**NEW QUESTION 105**

HOTSPOT - (Topic 4)

You create a procedure to check if a purchase order has lines.

The procedure returns false for purchase order PO-00001 even though it has purchase lines.

```

01 procedure CheckPurchaseLines(PurchaseHeader: Record "Purchase Header"): Boolean
02 var
03     PurchaseLine: Record "Purchase Line";
04 begin
05     PurchaseLine.SetRange("Document Type", PurchaseHeader."Document Type");
06     PurchaseLine.SetRange("No.", PurchaseHeader."No.");
07     exit(not PurchaseLine.IsEmpty());
08 end;

```

You need to fix the code to get the correct result.  
 For each of the following statements, select Yes if the statement is true Otherwise, select No.  
 NOTE- Each correct selection is worth one point.

Debug AL code

Statement	Yes	No
Add Clear(PurchaseLine); as a line before line 01 of the code.	<input type="radio"/>	<input type="radio"/>
Add PurchaseLine.SetFilter("Line No.", '>0') as a line after line 06.	<input type="radio"/>	<input type="radio"/>
Change the filter on line 06 from a "No." field to a "Document No." field.	<input type="radio"/>	<input type="radio"/>
Remove "not" in line 07.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Add Clear(PurchaseLine); as a line before line 01 of the code: No  
 Add PurchaseLine.SetFilter("Line No."; '>0') as a line after line 06: Yes  
 Change the filter on line 06 from a "No." field to a "Document No." field: No  
 Remove "not" in line 07: No

Add Clear(PurchaseLine); as a line before line 01 of the code.  
 ? No  
 ? You do not need to clear the PurchaseLine record before running the query, because the SetRange filters will take care of setting the correct context.

Add PurchaseLine.SetFilter("Line No."; '>0') as a line after line 06.  
 ? Yes  
 ? Adding a SetFilter on the "Line No." field ensures that you're checking for actual purchase lines greater than 0, which are valid lines. This would fix the issue where the check might return false even when lines exist.

Change the filter on line 06 from a "No." field to a "Document No." field.  
 ? No  
 ? The filter on the No. field is correct, as it's filtering based on the purchase order number. Changing this to Document No. is unnecessary.

Remove "not" in line 07.  
 ? No  
 ? The not in line 07 is necessary because IsEmpty() returns true when no lines are found. To correctly return a boolean indicating whether the purchase order has lines, you need to negate the result of IsEmpty().

**NEW QUESTION 110**

HOTSPOT - (Topic 4)

A developer creates a profile for part-time shop supervisors and adds customizations. You plan to add new requirements to the profile. You need to analyze the code to understand the profile and make sure there are no errors.

```

01 profile "Part Time Shop Supervisor"
02 {
03     Description = 'This profile is for Part time Shop Supervisors';
04     Caption = 'Part Time Shop Supervisor';
05     RoleCenter = "Shop Supervisor Role Center";
06     Enabled = true;
07     Promoted = true;
08     Customizations = Customization1;
09 }
10 pagecustomization Customization1 customizes "Item List"
11 {
12     layout
13     {
14         modify("Profit %")
15         {
16             Visible = false;
17         }
18         moveafter("Unit Cost"; "Costing Method")
19     }
20 }

```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
 NOTE: Each correct selection is worth one point.

Profile and customization

Statement	Yes	No
The Part Time Shop Supervisor profile will be applied only to users with "Register Time" = true on User Setup.	<input type="radio"/>	<input type="radio"/>
Variables, procedures, and triggers cannot be added on page customization objects.	<input type="radio"/>	<input type="radio"/>
Line 10 should use <b>extends</b> instead of <b>customizes</b> .	<input type="radio"/>	<input type="radio"/>
In line 18, "Unit Cost" will be moved after "Costing Method".	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The Part Time Shop Supervisor profile will be applied only to users with "Register Time" = true on User Setup: No

Variables, procedures, and triggers cannot be added on page customization objects: Yes

Line 10 should use extends instead of customizes: No

In line 18, "Unit Cost" will be moved after "Costing Method": Yes

The Part Time Shop Supervisor profile will be applied only to users with "Register Time" = true on User Setup.

? No

? The code doesn't contain any reference to the User Setup table or the Register Time field, so this is not correct. Profiles are not applied conditionally based on fields like this.

Variables, procedures, and triggers cannot be added on page customization objects.

? Yes

? Page customization objects are meant for UI modifications, such as moving or hiding fields. You cannot add variables, procedures, or triggers in a page customization object.

Line 10 should use extends instead of customizes.

? No

? In AL, when customizing a page within a profile, you use customizes rather than extends. Extends is used when modifying base application objects, but customizes is used to customize pages within a profile.

In line 18, "Unit Cost" will be moved after "Costing Method".

? Yes

? The code in line 18 is correct. The moveafter directive will move the "Unit Cost" field after the "Costing Method" field on the page layout.

**NEW QUESTION 111**

- (Topic 4)

You need to allow debugging in an extension to view the source code. In which file should you specify the value of the allowDebugging property?

- A. settings.json
- B. rad.json
- C. app.json
- D. launchjson

**Answer: C**

**Explanation:**

To enable debugging in an extension and allow the source code to be viewed, the allowDebugging property should be specified in the app.json file (C). The app.json file serves as the manifest for an AL project in Microsoft Dynamics 365 Business Central, defining the project's properties, dependencies, and features. By setting the allowDebugging property to true in this file, developers enable the debugging of the extension's source code, facilitating troubleshooting and development. This is essential for analyzing the behavior of the extension and identifying issues during the development process.

**NEW QUESTION 115**

DRAG DROP - (Topic 4)

You are developing a test application to test the posting process of a sales order. You must provide the following implementation:

- Specify the value of post options (dialog: Ship, Invoice, Ship & Invoice) as Invoice.
- Perform calculations and values checking.

You need to complete the development of the test codeunit.

Which methods should you use? To answer, move the appropriate methods to the correct implementation. You may use each method once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Methods	Test codeunit implementations	Implementation	Method
<div style="border: 1px solid gray; padding: 2px; display: inline-block; margin-right: 10px;">Handler</div> <div style="border: 1px solid gray; padding: 2px; display: inline-block; margin-right: 10px;">Normal</div>		Specify the value of the post options as Invoice.	
<div style="border: 1px solid gray; padding: 2px; display: inline-block;">Test</div>		Perform calculations and values checking.	

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Specify the value of the post options as Invoice:

? Test

Perform calculations and values checking:

? Handler

In the context of Microsoft Dynamics 365 Business Central testing, the 'Test' attribute is used to mark a method as a test method. This is where you would specify the action or the behavior you're testing – in this case, setting the post options as Invoice. It's within these test methods that you would simulate setting the posting option to "Invoice" programmatically.

For performing calculations and checking values, you would use 'Handler' methods to handle specific business events or conditions that occur within the system, such as before or after posting a document. These handlers can ensure that calculations are done correctly and that all validation checks pass before the document is posted.

The 'Normal' method would be a standard method that could be involved in the posting process, ensuring that all business logic is correctly applied and that the calculations and value checks are as expected.

In a test codeunit, you would typically have test methods that call these handler and normal methods to verify the business logic in various scenarios, such as posting with different options or checking the results of calculations under different conditions.

**NEW QUESTION 118**

HOTSPOT - (Topic 4)

A company uses Business Central. The company has branches in different cities.

A worker reports that each time they generate a daily summary report they get an error message that they do not have permissions.

```

15 local procedure GetLogisticsCharge() LogisticsCharge: Decimal;
16 var
17     LogisticsSetup: Record "Logistics Setup";
18 begin
19     LogisticsSetup.Get();
20     LogisticsCharge := LogisticsSetup."Logistics Charge";
21 end;

```

You need to resolve the issue.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Method attributes

Statement	Yes	No
Configure [InherentPermissions(PermissionObjectType::Table, Database::"Logistics Setup", 'x', InherentPermissionsScope::Both)] above line 15.	<input type="radio"/>	<input type="radio"/>
Configure [InherentPermissions(PermissionObjectType::TableData, Database::"Logistics Setup", 'R', InherentPermissionsScope::Permissions)] above line 15.	<input type="radio"/>	<input type="radio"/>
Configure [InherentPermissions(PermissionObjectType::TableData, Database::"Logistics Setup", 'r', InherentPermissionsScope::Both)] above line 15.	<input type="radio"/>	<input type="radio"/>
Configure [InherentPermissions(PermissionObjectType::Table, Database::"Logistics Setup", 'X', InherentPermissionsScope::Permissions)] above line 15.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Method attributes

Statement	Yes	No
Configure [InherentPermissions(PermissionObjectType::Table, Database::"Logistics Setup", 'x', InherentPermissionsScope::Both)] above line 15.	<input type="radio"/>	<input checked="" type="radio"/>
Configure [InherentPermissions(PermissionObjectType::TableData, Database::"Logistics Setup", 'R', InherentPermissionsScope::Permissions)] above line 15.	<input checked="" type="radio"/>	<input type="radio"/>
Configure [InherentPermissions(PermissionObjectType::TableData, Database::"Logistics Setup", 'r', InherentPermissionsScope::Both)] above line 15.	<input type="radio"/>	<input checked="" type="radio"/>
Configure [InherentPermissions(PermissionObjectType::Table, Database::"Logistics Setup", 'X', InherentPermissionsScope::Permissions)] above line 15.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 122

- (Topic 4)

A company has a task that is performed infrequently. Users often need to look up the procedure to complete the task. The company requires a wizard that leads users through a sequence of steps to complete the task. You need to create the page to enable the wizard creation. Which page type should you use?

- A. NavigatePage
- B. Card
- C. RoleCenter
- D. List

Answer: A

Explanation:

For a task that is performed infrequently and requires users to follow a sequence of steps, a wizard-like interface is ideal. In Microsoft Dynamics 365 Business Central, the NavigatePage page type (A) is best suited for this purpose. NavigatePage is designed to guide users through a series of steps or pages, allowing them to complete a task by making choices or entering data in a structured manner. This page type is often used for setup wizards, data migration tasks, or any other process that benefits from a step-by-step approach. Unlike the other page types like Card (B), RoleCenter (C), or List (D), NavigatePage specifically supports the navigation and decision-making flow required for wizard creation, making it the optimal choice for this requirement.

NEW QUESTION 124

- (Topic 4)

You are developing an app. You plan to publish the app to Microsoft AppSource. You need to assign an object range for the app. Which object range should you use?

- A. custom object within the range 50000 to 59999
- B. custom object within the range 50000 to 99999
- C. divided by countries and use specific a country within the range 100000 to 999999
- D. an object range within the range of 7000000 to 74999999 that is requested from Microsoft
- E. free object within the standard range 1 to 49999

Answer: D

Explanation:

When developing an app for Microsoft AppSource, it is essential to use an object range that is specifically designated by Microsoft to avoid conflicts with other apps and the base application. The correct object range to use is:  
 ? An object range within the range of 70000000 to 74999999 that is requested from Microsoft (D): This range is reserved for AppSource apps. Developers need to request this range from Microsoft to ensure that the objects used in their extension do not conflict with those used by other extensions or by the base application. Using this reserved range helps maintain the integrity and compatibility of extensions published on AppSource.  
 It's important to note that the other ranges mentioned (A, B, C, and E) are not suitable for apps intended for AppSource. Ranges 50000 to 59999 and 50000 to 99999 are typically reserved for per-tenant customizations or partner solutions, not for distribution on AppSource. The standard range 1 to 49999 is reserved for the base application objects, and using an object range divided by countries (C) is not a standard practice for AppSource apps.

**NEW QUESTION 127**

DRAG DROP - (Topic 4)

A company uses four objects in development in Business Central. The company plans to make changes to the objects. You need to identify the application layer for each object in Visual Studio Code.

Which objects are available in each application layer? To answer, move the appropriate application layer to the correct objects. You may use each application layer once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

The screenshot shows a drag-and-drop interface in Visual Studio Code. On the left, under the heading 'Application layers', there are two boxes: 'Base' and 'System'. On the right, under the heading 'Application layers', there is a list of objects: 'Language table', 'Activities Cue table', 'Extension Management codeunit', and 'Business Unit Card page'. To the right of this list is a column titled 'Application layer' with four empty text boxes for assignment.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Language table System layer Activities Cue table Base layer

Extension Management codeunit System layer Business Unit Card page Base layer Application Layers in Business Central:

In Business Central, there are different layers such as Base and System, which represent different levels of the application architecture. Here's a breakdown of where each object is likely to belong based on typical Business Central architecture:

? Language Table: This table typically belongs to the System layer, as language and localization features are often part of the foundational aspects of the system.

? Activities Cue Table: This would likely be found in the Base layer because it involves business logic that supports user interface elements (like activity cues) specific to the Business Central application.

? Extension Management Codeunit: The Extension Management Codeunit likely

belongs to the System layer, as it deals with handling extensions, which is closely related to the core system functionality for managing and deploying changes.

? Business Unit Card Page: This object would typically be part of the Base layer, as it

is a business-specific object that handles the user interface for business unit data, part of the core Business Central application.

**NEW QUESTION 130**

- (Topic 4)

A company uses Business Central.

The company plans to use the AL object model in Business Central to extend the Base Application.

You need to extend the objects.

Which two objects can you extend? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Codeunit
- B. Report
- C. Query
- D. API page
- E. Enum

**Answer:** BE

**Explanation:**

? A. Codeunit

? B. Report

Incorrect Options:

? C. Query: Queries cannot be extended. You would need to create new queries or modify the existing ones directly.

? D. API page: You cannot extend API pages, but you can create new API pages.

? E. Enum: You cannot extend Enums because they are predefined sets of values.

**NEW QUESTION 131**

DRAG DROP - (Topic 4)

A company has the following custom permission set:

```
permissionset 50000 "Sales Person Permission Set"
{
    Assignable = false;
    Caption = 'Sales Person Permission Set';

    Permissions =
        tabledata Customer = RIMD,
        tabledata "Payment Terms" = RMD,
        tabledata Currency = RM,
        tabledata "Sales Header" = RIM,
        tabledata "Sales Line" = RIMD;
}
```

You need to make the permission set visible on the Permission Sets page.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

**Actions**

- Publish the app with permission set to an environment.
- Add the page "Permission Sets" = X value to the Permissions property.
- Add the ObsoleteState = No property.
- Add the IncludedPermissionSets = SUPER property.
- Rename the permission set object to "Sales Person".
- Remove the Assignable = false property.
- Add the tabledata "Expanded Permission" = RIMD value to the Permissions property.
- Change the Assignable property value to true.

**Process for making permission sets visible**

➤  
➤

➤  
➤

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

To make the permission set visible on the Permission Sets page, perform the following actions in sequence:

? Change the Assignable property value to true.

? Add the ObsoleteState = No property.

? Publish the app with the permission set to an environment.

Process for making permission sets visible: In Business Central, the Assignable property determines whether a permission set is shown in the user interface for assigning to users. By default, if Assignable is set to false, the permission set is hidden. Therefore, it should be set to true to make the permission set visible.

The ObsoleteState property indicates whether an object is outdated (Obsolete) or not (No). If an object is marked as obsolete, it is typically hidden from the user interface. Therefore, setting ObsoleteState = No ensures that the permission set is not treated as outdated and remains visible.

Finally, publishing the app with the permission set to an environment updates the environment with the new or modified objects, including permission sets, making them available for assignment to users.

**NEW QUESTION 135**

- (Topic 4)

You have a query object named Items Query. You write code using an Items Query query variable. You need to export the Items Query query data to a file. Which SaveAs function should you use?

- A. SaveAsExcel
- B. SaveAsWord
- C. SaveAsHtml
- D. SaveAsCsv

**Answer:** D

**Explanation:**

? SaveAsCsv is the correct function to export the query data to a CSV (Comma- Separated Values) file, which is a commonly used text format for data exports.

? SaveAsExcel would export to an Excel file, SaveAsWord to a Word document, and SaveAsHtml to an HTML file, but since the requirement is to export to a file and the question doesn't specify any particular file format other than what fits standard data exports, CSV is the most fitting and efficient format for this scenario.

For more information, see the Query Object Functions in Business Central.

**NEW QUESTION 136**

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